

Dkt. No.: MR2349-358/DIV2

AMENDMENTS TO THE SPECIFICATION:

Please replace the abstract by the following:

~~—A bubble cycling heat exchanger is disclosed. A includes a closed fluid~~
loop is in contact with a heat absorbing source through a heat conducting block;
~~the.~~ The loop has a bubble generator, ~~an.~~ An expanding area for generating
bubbles is installed at ~~the loop; the.~~ The loop is also formed with ~~a radiator and a~~
guide region from which bubbles ~~is~~ are easily separable ~~and a radiator; a.~~ The
heat conducting block ~~of the closed loop~~ is connected to ~~a the~~ heat absorbing
source; ~~since.~~ Since the overheating of the heat absorbing source will cause the
loop to generate bubbles, ~~;~~ by an unequilibrium formed at the guide region of the
loop, the bubbles will separate from the ~~heat absorbing source guide region so~~
that the liquid in the loop flows for transferring heat, ~~and so that heat is radiated~~
by the fins or other elements of the radiator from the primary element of a
computer at the heat absorbing source; ~~the.~~ The loop operates continuously until
a ~~heat thermal~~ equilibrium is achieved. —

RESPONSE TO QUAYLE ACTION

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